

**REMARKS**

Favorable reconsideration of this application as presented herein is requested. Claims 1 and 3 are pending in the present application. In the above amendments, claims 1 and 3 have been amended.

In the Office Action mailed July 12, 2004, the Examiner rejected claim 1 under 35 U.S.C. § 112 and claim 3 under 35 U.S.C. § 102, and objected to claim 1.

Applicants respectfully respond to this Office Action.

Claim Objection

The Examiner objected to claim 1 because of informalities. Accordingly, the expression “if an IP packet network is note transferred within the predetermined” has been changed to “if an IP packet network is not transferred within the predetermined.” Applicants respectfully submit that the objection thereof be withdrawn by the Examiner.

Claim Rejections under 35 U.S.C. § 112

The Examiner rejected claim 1 for lack of antecedent basis. Accordingly, the expression “the registration lifetime” has been changed to “a registration lifetime.”

Claim Rejections under 35 U.S.C. § 102

The Examiner rejected claim 3 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,567,664 to Bergenwall et al.

The rejection contends that Bergenwall teaches an apparatus for registering a mobile node operating in a visited network as referred to in claim 3. In order to overcome the rejection, claim 3 has been amended to specify that there is a second timing means set to a second time variable wherein the second timing means expires when an IP session is over and wherein the first time variable is smaller than the second time variable when the IP session is maintained. This second timing means is not described in Bergenwall. Once the lifetime has been determined, a timer is set for  $t_1$  whose expiry indicates when the mobile should attempt to re-register. A second timer is

set for time  $T_1$  whose expiry indicates that the Mobile IP session is over. To maintain the Mobile IP session,  $t_1$  must be shorter than  $T_1$ . (See Applicants' Specification, p.8, par.1026.)

Consequently, the Bergenwall Patent does not anticipate the structure defined in claim 3 of the present application under 35 U.S.C. § 102(e) for at least the foregoing reasons. Since the Bergenwall Patent does not render claim 3, as amended, unpatentable Applicants respectfully submit that the rejection thereof be withdrawn by the Examiner.

### REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

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